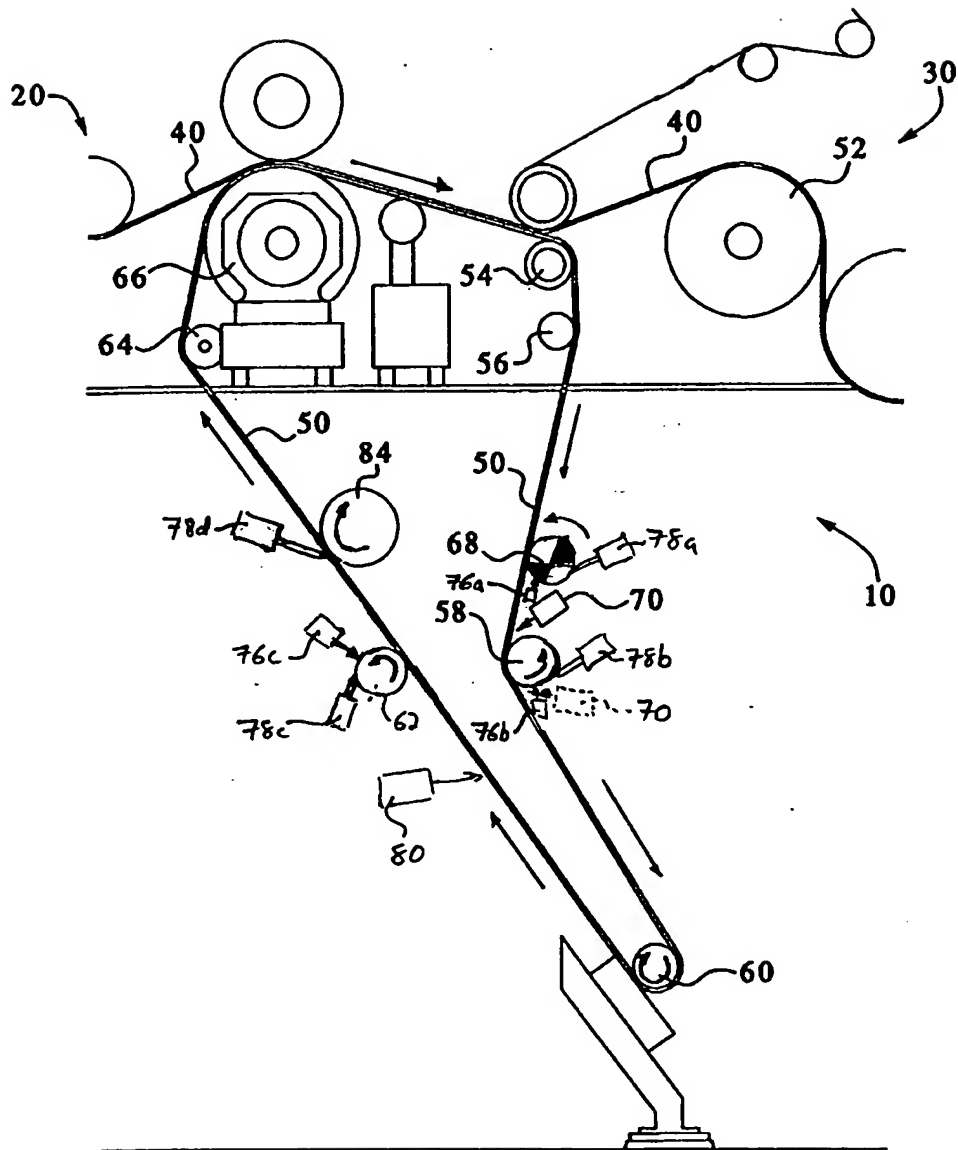


FIG.1



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The diagram illustrates a mechanical system 10. At the top left, a drive assembly 20 features a motor 66 mounted on a base 64, which drives a pulley 64. A belt 40 runs from this pulley over a series of rollers to a large pulley 52 in a driven assembly 30. A horizontal line indicates a ground surface. In the center, a vertical shaft 50 is shown with various components: a ball joint 70, a bearing 68, a pulley 72, and a pulley 74. Several rectangular components, likely sensors or actuators, are labeled 76a, 76b, 76c, 76d, 78a, 78b, 78c, and 78d. These are positioned around the shaft and pulleys. At the bottom, a component 80 is shown with an arrow pointing towards the shaft area.